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09/309,321    05/11/99    REYNOLDS

C    19697-4US

EXAMINER

HOLLOWAY III, E

ART UNIT

PAPER NUMBER

2735

DATE MAILED: 07/31/00

LMC1/0731  
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Please find below and/or attached an Office communication concerning this application or proceeding.

Commissioner of Patents and Trademarks

# Office Action Summary

Application No.  
**09/309,321**

Applicant(s)  
**Reynolds**

Examiner  
**Edwin C. Holloway, III**

Group Art Unit  
**2735**



☒ Responsive to communication(s) filed on May 11, 1999

☒ This action is **FINAL**.

☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11; 453 O.G. 213.

A shortened statutory period for response to this action is set to expire 3 month(s), or thirty days, whichever is longer, from the mailing date of this communication. Failure to respond within the period for response will cause the application to become abandoned. (35 U.S.C. § 133). Extensions of time may be obtained under the provisions of 37 CFR 1.136(a).

## Disposition of Claims

☒ Claim(s) 1-13 is/are pending in the application.

Of the above, claim(s) \_\_\_\_\_ is/are withdrawn from consideration.

☐ Claim(s) \_\_\_\_\_ is/are allowed.

☒ Claim(s) 1-13 is/are rejected.

☐ Claim(s) \_\_\_\_\_ is/are objected to.

☐ Claims \_\_\_\_\_ are subject to restriction or election requirement.

## Application Papers

☒ See the attached Notice of Draftsperson's Patent Drawing Review, PTO-948.

☐ The drawing(s) filed on \_\_\_\_\_ is/are objected to by the Examiner.

☐ The proposed drawing correction, filed on \_\_\_\_\_ is ☐ approved ☐ disapproved.

☐ The specification is objected to by the Examiner.

☐ The oath or declaration is objected to by the Examiner.

## Priority under 35 U.S.C. § 119

☐ Acknowledgement is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d).

☐ All ☐ Some\* ☐ None of the CERTIFIED copies of the priority documents have been

☐ received.

☐ received in Application No. (Series Code/Serial Number) \_\_\_\_\_

☐ received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

\*Certified copies not received: \_\_\_\_\_

☐ Acknowledgement is made of a claim for domestic priority under 35 U.S.C. § 119(e).

## Attachment(s)

☒ Notice of References Cited, PTO-892

☒ Information Disclosure Statement(s), PTO-1449, Paper No(s). 2

☐ Interview Summary, PTO-413

☒ Notice of Draftsperson's Patent Drawing Review, PTO-948

☐ Notice of Informal Patent Application, PTO-152

--- SEE OFFICE ACTION ON THE FOLLOWING PAGES ---

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**EXAMINER'S RESPONSE**

1. In response to the application filed 05-11-99, the application has been examined. The examiner has considered the presentation of claims in view of the disclosure and the present state of the prior art. And it is the examiner's opinion that the claims are unpatentable for the reasons set forth in this Office action:

**INFORMATION DISCLOSURE STATEMENT**

2. The prior art cited in the IDS filed 5-11-99 has been considered by the examiner and an initialed copy of the form 1449 is included with this Office Action.

**SPECIFICATION**

3. Applicant is reminded to update the cross-reference to related applications to include the serial numbers, status, and patent numbers where applicable.

**ART REJECTION**

4. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

20 A person shall be entitled to a patent unless --

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

25 5. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

30 (a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at

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the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negatived by the manner in which the invention was made.

6. Claims 1-3, 5, 7-8, 10, 13 are rejected under 35

5 U.S.C. 102(b) as being anticipated by LORD (US 5198806).

Lord discloses a remote controlled power supply 10 for a computer 25 including a box shaped housing (fig. 2), first control signal (input) socket 100, second control signal (pass thru output) socket 65, switched power output socket 15 controlled by control circuitry including relay 220. The power socket is on a different side or surface from the control sockets. See col. 3 line 45 - col. 4 line 45, col. 6 line 53 - col. 7 line 35.

10 7. Claims 1-2, 5-9 and 13 are rejected under 35 U.S.C. 102(b) as being anticipated by SINGH (US 5347167).

15 Singh discloses a remote controlled power supply 1 for a computer including a box shaped housing (2), first control signal (input) socket 7, switched power output sockets 4 controlled by control circuitry including relay (figs. 5,6). The housing includes power sockets on both the same and opposite side or surface from the control sockets. These surfaces may be considered front and rear, as position of the housing is relative. See col. 3 line 21 - col. 4 line 65; col. 5 lines 11-63, col. 6 line 38 - col. 7 line 11.

20 8. Claims 1-9, and 13 are rejected under 35 U.S.C. 102(b) as being anticipated by ORTIZ (US 5198806).

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Ortiz discloses a remote controlled power supply (fig. 1) for a computer or other devices including a box shaped housing (7), first control signal socket 10,11, second control signal (pass thru output) sockets 12, status lights 17, power input line 18, switched power output sockets 16 controlled by control circuitry including relays 32. The control sockets are included on same and different side or surface from the power sockets, including parallel or opposite sides in fig. 6a which can be front and rears as these are relative. See col. 4 line 30 - col. 7 line 30.

9. Claims 1-13 are rejected under 35 U.S.C. 103(a) as being unpatentable over LORD (US 5198806), SINGH (US 5347167), ORTIZ (US 5198806) as applied above in combination with EMM 96 electronic engineers master catalog published by Hearst Business Communications, Inc.

EMM 96 discloses rack mounted remote controlled power supplies such as the MPD-100R MPD-100 IEC including a 1 3/4 inch high box housing for mounting in 1 standard rack unit, remote on/off control sockets on front and back, switched power output sockets on rear. The TPC 115-10 and TPC 115-10/MTD include the above features and indicator lights. The IPC 3202 includes all the above features except only a single input on the rear is shown. The satellite antenna lightning arrester system on page 2260 includes RJ45 phone/data sockets on a 1.75 inch rack mount unit. See pages 2260-2261, 2326-2329, 2340-2343, especially

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pages 2260 and 2341.

It would have been obvious to one of ordinary skill in the art at the time the invention was made to have modified Lord or Singh or Ortiz to include any housing limitations of claims 1-13 not found in the references because EEM 96 discloses the claimed rack mount housing for analogous art remote controlled power supply, because Ortiz states that locations of the connectors can be different, because these housing suggests rack mounts which are common in computer use and because it has been held that rearranging parts of an invention involves only routine skill in the art. *In re Japikse*, 86 USPQ 70.

10. Claims 1-13 are rejected under 35 U.S.C. 103(a) as being unpatentable over CHENG `174 (US 5644174), PULIZZI (US 5923103) or CHENG `455 (US 5563455) in combination with LORD (US 5198806), SINGH (US 5347167), ORTIZ (US 5198806) and/or EMM 96 electronic engineers master catalog published by Hearst Business Communications, Inc.

CHENG `174 discloses a universal AC sequencer for a server. The sequencer includes first control signal (input) socket 204, second control signal (pass thru output) socket 208, status indication LED's 216, switched power output sockets 130,140 controlled by control circuitry 250 including relays RLYM, RLY2. The power sockets and control in socket are shown on a different parallel side in fig. 3, but a housing is not particularly

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discussed. See col. 1 lines 1-10, col. 2 line 1 - col. 6 line 55.

PULIZZI discloses a remote switched output power controller 10 including first control signal (input) sockets 142,160, second control signal (pass thru output) socket 144,162, status indication LED's 30, switched power output sockets 16 controlled 5 by control circuitry 18 including relays 60-76. The power sockets and control in socket are shown on a different parallel side in fig. 1, but a housing is not particularly discussed. See col. 1 line 46 - col. 4 line 62, col. 5 line 48 - col. 7 10 line 65.

CHENG '455 discloses an AC sequencer including first control signal (input) 750, second control signal (pass thru output) 760, switched power output sockets 512-520 controlled by control circuitry 560 including relays 562,564. The power sockets and 15 control in socket are shown on a different parallel side in fig. 4a, but housing is not particularly discussed. See col. 1 line 1 - col. 2 line 52, col. 5 lines 15-67, col. 8 line 50 - col. 9 line 3, col. 11 line 57 - col. 12 line 29.

Lord, Singh, Ortiz and EMM 96 were discussed above.

20 It would have been obvious to one of ordinary skill in the art at the time the invention was made to have modified Cheng '174, Pulizzi, or Cheng '455 to include the housing limitations of Lord, Singh Ortiz and/or EMM 96 because Cheng and Pulizzi refer to rack mount or stacked units, because EEM 96 discloses 25 the claimed rack mount housing for analogous art remote controlled

power supply including devices by Pulizzi, because Ortiz states that locations of the connectors can be different, because rack mounts are common in computer use and because it has been held that rearranging parts of an invention involves only routine skill in the art. *In re Japikse*, 86 USPQ 70.

**OTHER PRIOR ART CITED**

11. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure. Federowicz (US 5424587) discloses a remote controlled power module with modular phone jacks and status LED's. See col. 3 line 5 - col. 5 line 11.


**CONTACT INFORMATION**

12. Any inquiry of a general nature or relating to the status of this application should be directed to the **Technology center 2700 receptionist** whose telephone number is **(703) 305-3900**.

Facsimile submissions may be sent to fax numbers **(703) 308-9051, 308-6734 or 305-3988** which will be electronically forwarded to customer service (contractor) to determine whether the fax is OFFICIAL or UNOFFICIAL and E-mail a notification to the examiner. Official faxes will be sent directly to the technical support staff for entry. Unofficial faxes should be printed by the office manager or SPE within two working days. **Official faxes** are all signed faxes, which have not been marked as unofficial. **Unofficial faxes** are any unsigned faxes, interview agendas, or any paper designated by the applicant or the applicant's attorney/agent as unofficial. Since the examiner does not have immediate access to faxes, urgent submissions may be E-mailed to **edwin.holloway@uspto.gov**.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to **Edwin Holloway** whose telephone number is **(703) 305-4818**.

EH  
07-29-0

  
EDWIN C. HOLLOWAY, III  
PRIMARY EXAMINER  
ART UNIT 2735